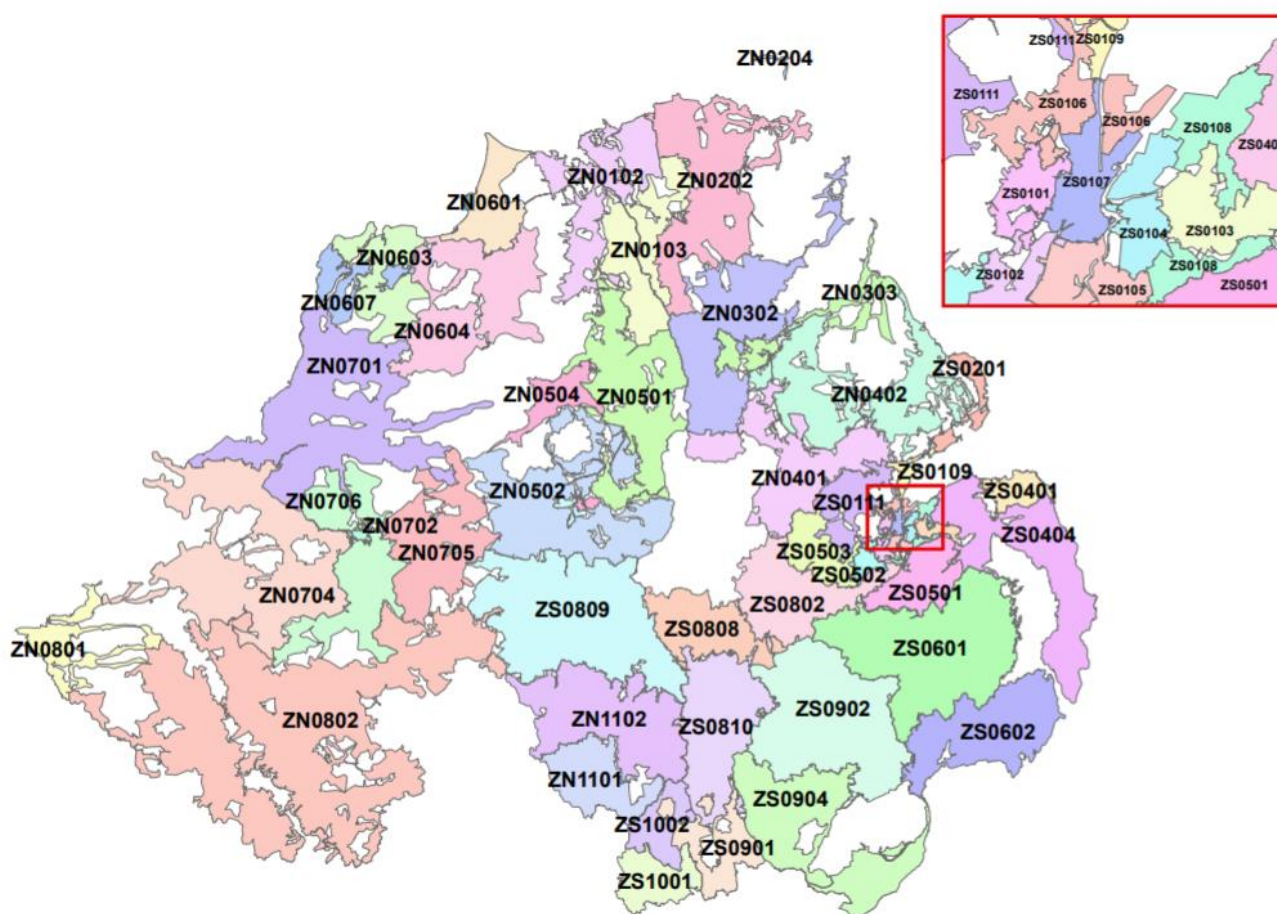


## Drinking Water Quality Tables

The following tables provide detail of where full compliance with the regulatory standards has not been met in the individual water supply zones. The tables present, by parameter, all the contraventions and the '% compliance' that occurred in water supply zones and at supply points at water treatment works during 2021. The map in Figure 1 shows the water supply zones from which samples are collected across Northern Ireland. These will, when used in conjunction with the information in the parameter tables that follow, allow the reader to have a more local focus on water quality issues.

**Figure 1: Map showing Water Supply Zones across Northern Ireland in 2021**



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**Table 1: Water Supply Zones within each Council area in 2021**

<b>Council</b>	<b>Water Supply Zones*</b>	
<b>Antrim and Newtownabbey Borough</b>	ZN0302 - Dungonnell Glarryford ZN0401 - Dunore Point Antrim ZN0402 - Killylane Ballynure ZS0106 - Dunore Belfast North	ZS0109 - Dorisland Whiteabbey ZS0111 - Dunore Point Hydepark ZS0503 - Forked Bridge Stoneyford
<b>Ards and North Down Borough</b>	ZS0108 - Belfast Purdysburn ZS0405 - Drumaroad Ards West ZS0406 - Drumaroad Portaferry ZS0407 - Drumaroad Bangor West	ZS0408 - Drumaroad Bangor East ZS0501 - Drumaroad Lisburn ZS0601 - Drumaroad Ballynahinch
<b>Armagh City, Banbridge and Craigavon Borough</b>	ZN1101 - Clay Lake Keady ZN1102 - Seagahan Armagh ZS0810 - Castor Bay Tandragee ZS0811 - Castor Bay Portadown	ZS0812 - Castor Bay Craigvon East ZS0814 - Castor Bay Moira ZS0902 - Fofanny Dromore ZS0904 - Fofanny Mourne
<b>Belfast City</b>	ZS0101 - Dunore Ballygomartin North ZS0102 - Dunore Ballygomartin South ZS0103 - Belfast Ballyhanwood ZS0104 - Belfast Breda North ZS0105 - Belfast Breda South ZS0106 - Dunore Belfast North ZS0107 - Belfast Oldpark	ZS0108 - Belfast Purdysburn ZS0109 - Dorisland Whiteabbey ZS0111 - Dunore Point Hydepark ZS0405 - Drumaroad Ards West ZS0501 - Drumaroad Lisburn ZS0502 - Forked Bridge Dunmurry ZS0503 - Forked Bridge Stoneyford
<b>Causeway Coast and Glens Borough</b>	ZN0102 - Ballinrees West ZN0103 - Ballinrees East ZN0202 - Altnahinch Bushmills ZN0204 - Rathlin Island ZN0302 - Dungonnell Glarryford	ZN0501 - Moyola Magherafelt ZN0601 - Ballinrees Limavady ZN0603 - Carmoney Eglinton ZN0604 - Caugh Hill Dungiven ZN0607 - Corrody Derry
<b>Derry City and Strabane District</b>	ZN0603 - Carmoney Eglinton ZN0604 - Caugh Hill Dungiven ZN0607 - Corrody Derry	ZN0701 - Derg Strabane ZN0704 - Lough Bradan Drumquin
<b>Fermanagh and Omagh District</b>	ZN0701 - Derg Strabane ZN0702 - Glenhordial Omagh ZN0704 - Lough Bradan Drumquin ZN0705 - Lough Macrory Beragh	ZN0706 - Lough Macrory Killyclogher ZN0801 - Belleek Garrison ZN0803 - Killyhevlin West ZN0804 - Killyhevlin East
<b>Lisburn and Castlereagh City</b>	ZN0401 - Dunore Point Antrim ZS0103 - Belfast Ballyhanwood ZS0108 - Belfast Purdysburn ZS0111 - Dunore Point Hydepark ZS0405 - Drumaroad Ards West ZS0501 - Drumaroad Lisburn	ZS0502 - Forked Bridge Dunmurry ZS0503 - Forked Bridge Stoneyford ZS0601 - Drumaroad Ballynahinch ZS0814 - Castor Bay Moira ZS0902 - Fofanny Dromore
<b>Mid and East Antrim Borough</b>	ZN0302 - Dungonnell Glarryford ZN0303 - Dunore Point Ballymena ZN0401 - Dunore Point Antrim	ZN0402 - Killylane Ballynure ZS0109 - Dorisland Whiteabbey ZS0201 - Dorisland Carrick
<b>Mid Ulster District</b>	ZN0103 - Ballinrees East ZN0501 - Moyola Magherafelt ZN0502 - Lough Fea Cookstown ZN0504 - Moyola Unagh Mormeal ZN0705 - Lough Macrory Beragh	ZN0706 - Lough Macrory Killyclogher ZN0804 - Killyhevlin East ZN1102 - Seagahan Armagh ZS0809 - Castor Bay Dungannon ZS0811 - Castor Bay Portadown
<b>Newry, Mourne and Down District</b>	ZN1101 - Clay Lake Keady ZS0501 - Drumaroad Lisburn ZS0601 - Drumaroad Ballynahinch ZS0602 - Drumaroad Downpatrick ZS0810 - Castor Bay Tandragee	ZS0901 - Castor Bay Newry West ZS0902 - Fofanny Dromore ZS0904 - Fofanny Mourne ZS1001 - Carran Hill Crossmaglen ZS1002 - Carran Hill Camly

\* excludes water supply zones with fewer than 40 properties within the council area.

## Water Quality in Water Supply Zones in 2021

**Table 2: % Compliance – Aluminium**

Sampling Location - Zones	Number of Samples	Number of Non-compliant Tests	% Compliance
ZN0303 - Dunore Point Ballymena	52	1	98.08
ZN0701 - Derg Strabane	36	1	97.22
ZS0105 - Belfast Breda South	52	1	98.08
ZS0602 - Drumaroad Downpatrick	36	1	97.22
ZS0809 - Castor Bay Dungannon	52	1	98.08
ZS0814 - Castor Bay Moira	36	1	97.22
ZS1001 - Carran Hill Crossmaglen	24	1	95.83
All other zones	1716	0	100.00
<b>Overall</b>	<b>2004</b>	<b>7</b>	<b>99.65</b>

**Table 3: % Compliance – Coliform bacteria**

Sampling Location - Zones	Number of Samples	Number of Non-compliant Tests	% Compliance
ZN0103 - Ballinrees East	72	1	98.61
ZN0401 - Dunore Point Antrim	168	1	99.40
ZN0502 - Lough Fea Cookstown	72	1	98.61
ZN0601 - Ballinrees Limavady	60	3	95.00
ZN0603 - Carmoney Eglinton	144	2	98.61
ZN0701 - Derg Strabane	108	2	98.14
ZS0102 - Dunore Ballygomartin South	132	1	99.24
ZS0106 - Dunore Belfast North	132	2	98.48
ZS0111 - Dunore Point HydePark	96	2	97.92
ZS0405 - Drumaroad Ards West	180	1	99.44
ZS0503 - Forked Bridge Stoneyford	72	1	98.61
ZS0812 - Castor Bay Craigavon East	132	1	99.24
All other zones	4152	0	100.00
<b>Overall</b>	<b>5520</b>	<b>18</b>	<b>99.67</b>

**Table 4: % Compliance – *Clostridium perfringens***

Sampling Location – Supply Point	Number of Samples	Number of Non-compliant Tests	% Compliance
W4306 – Caugh Hill	8	1	87.50
All other supply points	228	0	100.00
<b>Overall</b>	<b>236</b>	<b>1</b>	<b>99.58</b>

**Table 5: % Compliance – *E-coli***

Sampling Location – Supply Point	Number of Samples	Number of Non-compliant Tests	% Compliance
ZN0103 – Ballinrees East	72	1	98.61
All other zones	5448	0	100.00
<b>Overall</b>	<b>5520</b>	<b>1</b>	<b>99.98</b>

**Table 6: % Compliance – Enterococci**

Sampling Location - Zones	Number of Samples	Number of Non-compliant Tests	% Compliance
ZN0103 - Ballinrees East	8	1	87.50
All other zones	424	0	100.00
<b>Overall</b>	<b>432</b>	<b>1</b>	<b>99.77</b>

**Table 7: % Compliance – Hydrogen Ion**

Sampling Location – Supply Point	Number of Samples	Number of Non-compliant Tests	% Compliance
ZS0814 – Castor Bay Moira	36	1	99.99
All other supply points	1968	0	100.00
<b>Overall</b>	<b>2004</b>	<b>1</b>	<b>99.95</b>

**Table 8: % Compliance – Iron**

Sampling Location - Zones	Number of Samples	Number of Non-compliant Tests	% Compliance
ZN0303 - Dunore Point Ballymena	52	1	98.08
ZN0402 - Killylane Ballynure	52	1	98.08
ZN0604 - Caugh Hill Dungiven	24	1	95.83
ZN607 - Corrody Derry	52	1	98.08
ZN0701 - Derg Strabane	36	1	97.22
ZN0706 - Lough Macrory Killyclogher	24	1	95.83
ZN1102 - Seagahan Armagh	36	1	97.22
ZS0201 - Dorisland Carrick	36	1	97.22
ZS0809 - Castor Bay Dungannon	52	2	96.15
ZS0811 - Castor Bay Portadown	52	1	98.08
ZS0812 - Castor Bay Craigavon East	52	1	98.08
ZS1001 - Carran Hill Crossmaglen	24	1	95.83
All other zones	1512	0	100.00
<b>Overall</b>	<b>2004</b>	<b>13</b>	<b>99.35</b>

**Table 9: % Compliance – Lead**

Sampling Location – Supply Point	Number of Samples	Number of Non-compliant Tests	% Compliance
ZS0406 – Drumaroad Portaferry	5	1	80.00
ZS0810 - Castor Bay Tandragee	6	1	83.33
ZS0811 - Castor Bay Portadown	4	2	50.00
ZS0902 - Fofanny Dromore	4	1	75.00
All other zones	242	0	100.00
<b>Overall</b>	<b>261</b>	<b>5</b>	<b>98.08</b>

**Table 10: % Compliance – Manganese**

Sampling Location – Supply Point	Number of Samples	Number of Non-compliant Tests	% Compliance
ZN0701 - Derg Strabane	36	1	97.22
ZN0602 - Drumaroad Downpatrick	36	1	97.22
ZN0809 - Castor Bay Dungannon	52	1	98.08
ZN0811 - Castor Bay Portadown	52	1	98.08
All other zones	1828	0	100.00
<b>Overall</b>	<b>2004</b>	<b>4</b>	<b>99.80</b>

**Table 11: % Compliance – Nickel**

Sampling Location - Zones	Number of Samples	Number of Non-compliant Tests	% Compliance
ZS0101 - Dunore Ballygomartin North	5	1	80.00
ZS0103 - Belfast Ballyhanwood	5	1	80.00
All other zones	249	0	100.00
<b>Overall</b>	<b>259</b>	<b>2</b>	<b>99.23</b>

**Table 12: % Compliance – Odour**

Sampling Location - Zones	Number of Samples	Number of Non-compliant Tests	% Compliance
ZN0102 - Ballinrees West	52	5	90.38
ZN0402 - Killylane Ballynure	52	1	98.08
ZN0603 - Carmoney Eglinton	52	1	98.08
ZN0704 - Lough Bradan Drumquin	24	1	95.83
ZN1102 - Seagahan Armagh	36	3	91.67
ZS0601 - Drumaroad Ballynahinch	52	1	98.08
ZS0809 - Castor Bay Dungannon	52	1	98.08
ZS0810 - Castor Bay Tandragee	52	1	98.08
ZS0811 - Castor Bay Portadown	52	1	98.08
ZS0814 - Castor Bay Moira	36	1	97.22
ZS0904 - Fofanny Mourne	52	1	98.08
All other zones	1492	0	100.00
<b>Overall</b>	<b>2004</b>	<b>17</b>	<b>99.15</b>

**Table 13: % Compliance – Pesticides Other**

Sampling Location – Supply Point	Number of Samples	Number of Non-compliant Tests	% Compliance
W2509 - Clay Lake WTW	8	1	87.50
W4501 - Derg WTW	8	1	87.50
All other supply points	8951	0	100.00
<b>Overall</b>	<b>8967</b>	<b>2</b>	<b>99.98</b>

\*All pesticides other than aldrin, dieldrin, heptachlor and heptachlor epoxide for which a waiver is granted

**Table 14: % Compliance – Taste**

Sampling Location - Zones	Number of Samples	Number of Non-compliant Tests	% Compliance
ZN0102 - Ballinrees West	52	4	92.31
ZN0204 - Rathlin Island	4	2	50.00
ZN0502 - Lough Fea Cookstown	24	1	95.83
ZN0704 - Lough Bradan Drumquin	24	1	95.83
ZN1102 - Seagahan Armagh	36	1	97.22
ZS0811 - Castor Bay Portadown	52	1	98.08
All other zones	1812	0	100.00
<b>Overall</b>	<b>2004</b>	<b>10</b>	<b>99.50</b>

**Table 15: % Compliance – Total Trihalomethanes**

Sampling Location – Supply Point	Number of Samples	Number of Non-compliant Tests	% Compliance
ZN0302 - Dungonnell Glarryford	8	1	87.50
ZN0607 - Corrody Derry	8	1	87.50
ZN0701 - Derg Strabane	8	1	87.50
ZN0704 - Lough Bradan Drumquin	8	1	87.50
All other zones	400	0	100.00
<b>Overall</b>	<b>432</b>	<b>4</b>	<b>99.07</b>

**Table 16: % Compliance – Turbidity**

Sampling Location – Supply Point	Number of Samples	Number of Non-compliant Tests	% Compliance
ZS0809 - Castor Bay Dungannon	52	1	98.08
All other zones	1952	0	100.00
<b>Overall</b>	<b>2004</b>	<b>1</b>	<b>99.95</b>